

WHAT IS CLAIMED IS:

1. A coupling structure of a hood lock stay comprising:

5 a radiator core support upper member extending in a transverse direction of a motor vehicle;

a radiator core support lower member extending under said radiator core support upper member in the transverse direction of the motor vehicle; and

10 a hood lock stay which is coupled in a vertical direction of the motor vehicle each other with almost center portions of said radiator core support upper member and said radiator core support lower member, said hood lock stay securing a hood lock to an upper portion thereof,

15 wherein said radiator core support upper member is formed to have at least an opened cross-sectional shape provided with a wall portion, and

20 wherein said radiator core support upper member and said hood lock stay are coupled with each other in a state forming a box shape by disposing the upper portion of said hood lock stay so as to cover an opening of the opened cross-section of said radiator core support upper member.

2. The coupling structure of the hood lock stay according to claim 1,

25 wherein said hood lock stay is formed in the upper portion thereof with a recessed portion which is recessed in a front-to-rear direction of the motor vehicle, and with a wall portion of the recessed portion, the opening of said radiator core support upper member is covered to thereby form the box shape.

30 3. The coupling structure of the hood lock stay according to claim 2,

wherein the recessed portion is formed essentially all over the vertical length of said hood lock stay.

4. The coupling structure of the hood lock stay according to claim 1,

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wherein the wall portion of said radiator core support upper member is composed of at least an upper wall portion having an almost horizontal surface and a vertical wall portion adjoining the upper wall portion and extending in the transverse and vertical direction of the motor vehicle; and

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wherein the vertical upper end of the upper portion of the hood lock stay is bent to have an L-shape so that a flat portion having a horizontal surface is formed, the flat portion being coupled with the upper wall portion of said radiator core support upper member.

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5. The coupling structure of the hood lock stay according to claim 2,

wherein the wall portion of said radiator core support upper member is composed of at least an upper wall portion having an almost horizontal surface and a vertical wall portion adjoining the upper wall portion and extending in the transverse and vertical direction of the motor vehicle; and

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wherein the vertical upper end of the upper portion of the hood lock stay is bent to have an L-shape so that a flat portion having a horizontal surface is formed, the flat portion being coupled with the upper wall portion of said radiator core support upper member.

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6. The coupling structure of the hood lock stay according to claim 3,

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wherein the wall portion of said radiator core support upper member is composed of at least an upper wall portion having an almost horizontal surface and a vertical wall portion adjoining the upper wall portion and

extending in the transverse and vertical direction of the motor vehicle; and
wherein the vertical upper end of the upper portion of the hood lock stay is
bent to have an L-shape so that a flat portion having a horizontal surface is
5 formed, the flat portion being coupled with the upper wall portion of said
radiator core support upper member.